

## AMENDMENTS TO THE CLAIMS

**Claim 1. (Currently Amended)** A method for selecting structures for single-walled carbon nanotubes by ~~the~~ light irradiation, which comprises selectively obtaining single-walled carbon nanotubes having structures different from the structures of the single-walled carbon nanotubes to be ~~vanished-removed~~ by comprising irradiating single-walled carbon nanotubes with a light beam of a single wavelength so as to ~~have-generate~~ single-walled carbon nanotubes in specific excited electron states ~~in the excited states~~, and oxidizing with an oxidizing agent and combusting the single-walled carbon nanotubes in the excited states ~~by an oxygen or an oxidizing agent in an oxygen containing atmosphere~~ so as to ~~vanish-remove~~ the same.

**Claim 2. (Currently Amended)** The method for selecting structures for single-walled carbon nanotubes by ~~the~~ light irradiation according to claim 1, wherein the single-walled carbon nanotubes in the excited states are ~~vanished-removed~~ by oxidizing and combusting at a temperature of 0 °C or more and 500 °C or less.

**Claim 3. (Currently Amended)** The method for selecting structures for single-walled carbon nanotubes by ~~the~~ light irradiation according to claim 1, wherein the oxidizing agent is a hydrogen peroxide in water, a nitric acid or a potassium permanganate.

**Claim 4. (Currently Amended)** The method for selecting structures for single-walled carbon nanotubes by ~~the~~ light irradiation according to claim 1, wherein light beams having different wavelengths ~~are~~ is irradiated ~~to-on~~ on the single-walled carbon nanotubes ~~respectively~~ for selectively oxidizing, combusting and ~~vanishing-removing~~ single-walled carbon nanotubes having specific structures corresponding to ~~the~~ each wavelength of ~~each-light-beam~~.

**Claim 5. (Currently Amended)** The method for selecting structures for single-walled carbon nanotubes by ~~the~~ light irradiation according to claim 1, wherein ~~only~~ single-walled carbon nanotubes having specific structures are selectively obtained by irradiating the single-walled carbon nanotubes successively with a plurality of light beams ~~having-with~~ different wavelengths.

**Claim 6. (Cancelled)**